



/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/543,111
Filing Date	March 10, 2006
First Named Inventor	Richard Cawthon
Art Unit	1637
Confirmation No.	2614
Examiner Name	Young J. Kim

Sheet 1 of 1 Attorney Docket Number 067629-5011-US

**U. S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US Patent No. 5,834,193	11/10/1998	Kozlowski, et al.	†
	A2	US-Patent No. 5,489,508	02/06/1996	West, et al.	†
	A3	US-Patent No. 5,856,096	01/05/1999	Windle, et al.	†
		-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C1.	Griffith et al., "Mammalian Telomeres End in a Large Duplex Loop," <i>Cell</i> , 97:503-514 (1999).	
	C2	Munoz-Jordan et al., "t-loops at trypanosome telomeres," <i>EMBO J.</i> , 20:579-588 (2001).	
	C3	Zhang, X., et al., "Telomere shortening and apoptosis in telomerase-inhibited human tumor cells," <i>Genes Dev.</i> , 23:88-99 (1999).	
	C4	Rudolph, et al., "Longevity, Stress Response, and Cancer in Aging Telomerase-Deficient Mice," <i>Cell</i> , 96:701-12 (1999).	
	C5	Herrera, E., et al., "Disease states associated with telomerase deficiency appear earlier in mice with short telomeres," <i>EMBO J.</i> , 18:2950-60 (1999).	
	C6	Cherif, et al., "Ageing and telomeres: a study into organ- and gender-specific telomere shortening," <i>Nucleic Acids Research</i> , 31(5):1576-1583 (2003).	†
	C7	Brummendorf, et al., "Telomere length in leukocyte subpopulations of patients with aplastic anemia," <i>Blood</i> , 97(4):895-900 (2001).	†
	C8	Austriaco, Jr., et al., "Changes of telomere length cause reciprocal changes in the lifespan of mother cells in <i>Saccharomyces cerevisiae</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 94:9768-9772 (1997).	†
	C9	Samani, et al., "Telomere shortening in atherosclerosis," <i>Lancet</i> , 358:472-73 (2001).	†
	C10	Cawthon, "Telomere measurement by quantitative PCR," <i>Nucleic Acids Research</i> , 30:10 e47 (2002).	†
	C11	Cawthon, et al., "Association between telomere length in blood and mortality in people aged 60 years or older," <i>Lancet</i> , 361:393-95 (2003).	†

Examiner Signature	Date Considered
--------------------	-----------------